

## Title (en)

SYSTEM AND METHOD OF LIMITING PROCESSING BY A 3D RECONSTRUCTION SYSTEM OF AN ENVIRONMENT IN A 3D RECONSTRUCTION OF AN EVENT OCCURRING IN AN EVENT SPACE

## Title (de)

SYSTEM UND VERFAHREN ZUR VERARBEITUNGSBEGRENZUNG DURCH EIN 3D-REKONSTRUKTIONSSYSTEM EINER UMGEBUNG IN EINER 3D-REKONSTRUKTION EINES IN EINEM EREIGNISRAUM AUFTRETENDEN EREIGNISSES

## Title (fr)

SYSTÈME ET PROCÉDÉ DE LIMITATION DE TRAITEMENT PAR UN SYSTÈME DE RECONSTRUCTION 3D D'UN ENVIRONNEMENT DANS UNE RECONSTRUCTION 3D D'UN ÉVÈNEMENT SE PRODUISANT DANS UN ESPACE D'ÉVÈNEMENT

## Publication

**EP 3014579 B1 20180926 (EN)**

## Application

**EP 15786670 A 20150401**

## Priority

- US 201461986439 P 20140430
- US 201462071943 P 20141031
- US 201462073596 P 20141031
- US 2015023772 W 20150401

## Abstract (en)

[origin: US2015317822A1] A system for social interaction using a photo-realistic novel view of an event includes a multi-view reconstruction system for developing transmission data of the event a plurality of client-side rendering devices, each rendering device receiving the transmission data from the multi-view reconstruction system and rendering the transmission data as the photo-realistic novel view. A method of social interaction using a photo-realistic novel view of an event includes transmitting by a server side transmission data of the event; receiving by a first user on a first rendering device the data transmission; selecting by the first user a path for rendering on the first rendering device at least on novel view; rendering by the first rendering device the at least one novel view; and saving by the user on the first rendering device novel view date for the at least one novel view.

## IPC 8 full level

**G06T 17/00** (2006.01); **G06T 15/20** (2011.01); **G06T 19/00** (2011.01); **H04N 21/218** (2011.01); **H04N 23/90** (2023.01)

## CPC (source: EP US)

**G01B 11/245** (2013.01 - EP US); **G06T 7/11** (2017.01 - US); **G06T 7/50** (2017.01 - US); **G06T 11/003** (2013.01 - US); **G06T 15/10** (2013.01 - US); **G06T 15/205** (2013.01 - EP US); **H04N 13/161** (2018.05 - US); **H04N 13/194** (2018.05 - US); **H04N 13/204** (2018.05 - US); **H04N 13/218** (2018.05 - US); **H04N 13/282** (2018.05 - US); **H04N 21/21805** (2013.01 - EP US); **H04N 21/47202** (2013.01 - US); **H04N 21/816** (2013.01 - EP US); **H04N 23/661** (2023.01 - EP US); **H04N 23/80** (2023.01 - US); **H04N 23/90** (2023.01 - EP US); **G06T 2200/16** (2013.01 - EP US); **G06T 2207/20152** (2013.01 - US); **G06T 2210/22** (2013.01 - US)

## Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

## DOCDB simple family (publication)

**US 10728528 B2 20200728**; **US 2015317822 A1 20151105**; CA 2919019 A1 20151105; CA 2919021 A1 20151105; EP 3014578 A1 20160504; EP 3014578 A4 20170308; EP 3014578 B1 20180801; EP 3014579 A1 20160504; EP 3014579 A4 20170419; EP 3014579 B1 20180926; JP 2017520867 A 20170727; JP 2018503151 A 20180201; JP 6599435 B2 20191030; JP 6599436 B2 20191030; US 10063851 B2 20180828; US 10477189 B2 20191112; US 10491887 B2 20191126; US 10567740 B2 20200218; US 11463678 B2 20221004; US 2015319424 A1 20151105; US 2016182894 A1 20160623; US 2016189421 A1 20160630; US 2018261002 A1 20180913; US 2018367788 A1 20181220; US 2020145643 A1 20200507; US 2020404247 A1 20201224; US 9846961 B2 20171219; WO 2015167738 A1 20151105; WO 2015167739 A1 20151105

## DOCDB simple family (application)

**US 201514675920 A 20150401**; CA 2919019 A 20150401; CA 2919021 A 20150401; EP 15786510 A 20150401; EP 15786670 A 20150401; JP 2017509586 A 20150401; JP 2017509587 A 20150401; US 2015023772 W 20150401; US 2015023776 W 20150401; US 201514675906 A 20150401; US 201514909660 A 20150401; US 201514910163 A 20150401; US 201715845799 A 20171218; US 201816114007 A 20180827; US 201916597583 A 20191009; US 202016888008 A 20200529